

Final Summary of Grant Activity in Fiscal Year 2009 -2010				
COLLEGE	DEPT	PI	TITLE	SPONSOR
Business	Center for Innovation & Entrepreneurship	Sarah Piddington	High Technology Business Incubator Grant	NJCST
Business	Center for Innovation & Entrepreneurship	Sarah Piddington	2009 Incubator Enhancement Program	NJCST
Education	Foundations of Education	Ron Butcher	New Jersey Consortium for Middle School Teacher Preparation	USDOE
Education	Educational Leadership	Ginny Doolittle	A Model of Professional Learning Communities for School Leaders	USDOE
Education	Special Education	Barbara Williams	Get Fit	National Assoc. of School Psychologists
Education	Health & Exercise	Robert Sterner	Biomechanics Research Collaboration	CHOP
Engineering	Chemical	Robert Hesketh & Stephanie Farrell	Applied Green Eng. Projects: Recycle of Spent Scrubber Solutions and Waste Heat Recovery	Johnson Matthey
Engineering	Chemical	Robert Hesketh & Sachin Shetty	Intuitive FlowMeter Sizing Software	Siemens
Engineering	Chemical	Kevin Daham & Jesse Van Kirk	Determination of Sterically Hindered SHDBT Distribution in Low Sulfur Diesel Fuel Blending Stocks	Sunoco
Engineering	Civil & Environmental	Beena Sukumaran	Investigation of the performance of flexible pavement systems under moving loads using finite element	FAA
Engineering	Civil & Environmental	Yusuf Mehta	Warm pavement technology	Rutgers
Engineering	Civil & Environmental	Yusuf Mehta	NJ Motorcycle Fatality Rates	NJDOT
Engineering	Civil & Environmental	Yusuf Mehta	Teen Diver Safety Metrics	NJDOT
Engineering	Civil & Environmental	Yusuf Mehta & Aaron Nolan	Reclaimed Asphalt in Pavements	NJDOT
Engineering	Civil & Environmental	Yusuf Mehta, Aaron Nolan, Kevin Daham & Ralph Dusseau	Correlation between MSCR Results and Polymer Modification of Binder	NJDOT
Engineering	Civil & Environmental	Jess Everett	Wind Power Feasibility and Evaluation	Johnson Matthey
Engineering	Civil & Environmental	Kauser Jahan	Heavy Metal Contamination of Highway Marking Beads	NJDOT
Engineering	Civil & Environmental	Jess Everett, Peter Jansson, William Riddell & Doug Cleary	Solar Array Design/ W.J. Doyle Veteran Cemetery	NJDMAVA
Engineering	Civil & Environmental	William Riddell, Peter Jansson, Jess Everett & John Hasse	Sit Planning for wind turbines in Sea Grit, NJ	NJDMAVA
Engineering	Civil & Environmental	Kauser Jahan	South Jersey GAMTTEP	USDOT
Engineering	Civil & Environmental	Doug Cleary & Will Riddell	Laboratory Testing of Direct Tension Indicators	TurnaSure LLC
Engineering	Civil & Environmental	Kauser Jahan & Yusuf Mehta	Potential for natural Brine for Anti-Icing & Se-icing	Research Foundation/CUNY
Engineering	Civil & Environmental	Will Riddell	DTA for Railroad Tank Cars	AllTranstek, LLC
Engineering	Civil & Environmental	Jess Everett & Peter Jansson	Ramblewood 500k W Solar Project	Mount Laurel MUA
Engineering	Civil & Environmental	Yusuf Mehta	Valero binder characterization	Valero
Engineering	Electrical & Computer	Shreekanth Mandayam	Development of a Video Sensors Lab Protocol for Monitoring Ship_Board Systems	Q.E.D. systems, Inc.
Engineering	Electrical & Computer	Robert Krchnavek	Columbia Center for Electron transport in Molecular nanostructures	Columbia University
Engineering	Electrical & Computer	Shreekanth Mandayam	Intelligent Valves for Integrated Systems Health Management	NASA
Engineering	Electrical & Computer	Robert Krchnavek	Development of a Variable Frequency Drive Motor Control Test Bed	K-Tron American Inc.
Engineering	Electrical & Computer	Robert Krchnavek	Low-Ringing, Low-Leakage-Off-State Multiple Pulsed Inductor Circuit	NAVYH

Engineering	Electrical & Computer	Peter Jansson	Calorimetric Investigations for Blacklight Power at SJ Tech Park	Blacklight Power, Inc.
Engineering	Electrical & Computer	Shreekanth Mandayam	Development of a Virtual Reality Simulation of the Flooding Characteristics of the Cramer Hill Neighborhood in the City of Camden	Cooper's Ferry Development Association Inc.
Engineering	Electrical & Computer	Shreekanth Mandayam	Multi-Sensor data fusion for Integrated Systems Health Management /Michael Bloom	NASA
Engineering	Electrical & Computer	Shreekanth Mandayam	Virtual Reality (VR) Visualization of an Integrated Systems Health Management/ George LeCCakes	NASA
Engineering	Mechanical	John Chen	Collaborative Research: Role of Faculty in supportin life long learning	NSF
Engineering	Mechanical	Jennifer Kadlowec	Biomechanics Research Collaboraion	CHOP
Engineering	Mechanical	Jennifer Kadlowec	Passive Range of Motion of Adult & Child Cervical Spines	Children's Hospital of Philadelphia
Engineering	Mechanical	Jennifer Kadlowec	Hanger Deck Crane Capability Enhancement	NAVY
Engineering	Mechanical	Paris von Lockette	investigation of Production Methods of DCg Dologramw	RL Associates, Inc.
Engineering	Mechanical	Tom Merrill	P-25 Firefightin Vehical Tire Redesign	NAVY
Engineering	Mechanical	Eric Constans	Development of HTS Cryogenic Test Material	NAVY
Engineering	Mechanical	Anthony Marchese	MRI: Acquisition of a Rapid Compression Machine for Chemical Kinetic Studies on Biofuels	NSF
Engineering	Mechanical	Eric Constans	Occupants & Restraint Systems during Frontal Impacts: A novel approach to measure head & spinal	Children's Hospital of Philadelphia
Engineering	Mechanical	Paris von Lockette	Maneto_Mechanical Coupling in Isotropic vs Anisotropic Hard vs Soft Magnetic Magnetorheological Elastomers	NSF
Liberal Arts & Science	Chemistry & Biochemistry	Amos Mugweu Kandalam Ramanujachary	Characterization and Chemistries of A1 and Ni materials	Blacklight Power, Inc.
Liberal Arts & Science	Chemistry & Biochemistry	Amos Mugweu Kandalam Ramanujachary	Characterization and Chemistries of Metal based Catalysts	Blacklight Power, Inc.
Liberal Arts & Science	Computer Science	Adrian Rusu	FAA GUI Development Project	FAA
Liberal Arts & Science	Geo/Anthropology	Zachary Moore	NJ Alliance for Geographic Education	National Geographic
Liberal Arts & Science	Geo/Anthropology	Richard Scott & John Hasse	G.I.S. Intern Program	NJDMAVA
Liberal Arts & Science	Mathematics	Janet Caldwell	Rowan Camden Math Partnership	NJDOE
Liberal Arts & Science	Mathematics	Eric Milou	South Jersey Math/Science Partnership	NJDOE
Liberal Arts & Science	Physics & Astronomy	Jeffrey Hettinger	MRI - Aplication of a WDXRF	NSF
Liberal Arts & Science	Physics & Astronomy	Sam Lofland & Kevin Dahm	Rowan NASA-LEND-SPS Scholar/Inten Program	Society of Physics Students
Liberal Arts & Science	Psychology	Mary Louise Kerwin	Craft Behavior Phase 2 Study	TRI
Liberal Arts & Science	Psychology	Janet C ahill	Child & Familt Assessment Clinc	NJDHS
Office of the Provost	Camden Campus	Eric Clark	Champ/Gear Up	NJCHE
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Office of the Provost	Camden Campus	Winona Wright	NCCEP Spring Activity	NJCHE
Office of the Provost	Camden Campus	Donavon McCargo	EOF Camden Summer	NJCHE
Office of the Provost	Camden Campus	Donavon McCargo	EOF Camden	NJCHE
	Cntr for Addiction Studies	Pam Negro	NJDOE Social Norms Project	NJDOE

Source: Office of Sponsored Programs, FY09 Grant Report (Awarded & Addtl. Funding) (06/30/08)

Table II.H MAJOR RESEARCH AND PUBLIC SERVICE ACTIVITIES

R&D EXPENDITURES : YEAR 2009	
Institution <u>Rowan University</u>	
	Amount (\$)
Federally Financed Academic R&D Expenditures	\$4,129,000.00
Institutionally Financed Academic R&D Expenditures	\$ -
Total Academic R&D Expenditure	\$4,129,000.00
Note: Dollar amount as reported to the National Science Foundation (NSF) on Form #411 (Survey of Research and Development Expenditures at Colleges and Universities).	
Source: Mark Zorzi, Contracting Officer, Office of Sponsored Projects; zorzi@rowan.edu; 856-256-5482 and total from Provost's annual report of faculty productivity	

H.2 Community Service in Fiscal Year 2010

Education

J. Harvey Rodgers School Tutoring Program
Glassboro - Unity Day
Junior Achievement Teaching Program @ Kindle Elementary
Big Brother/Big Sister First Mentors Program -
at the Thomas E. Bowe Elementary School
Tri-County HeadStart Reading Enrichment Program
Glassboro Child Development Center

Economic

Charities/Community Aids
Southern NJ - Holiday Gift Drive
"Packed with Love" - collection

Environmental

Campus Clean & Green Fall

Health

March for Babies Walk
Red Cross Blood Drive (6)
South Jersey AIDS Coalition "Adopt a Family" - Thanksgiving
Relay for Life - American Cancer Society
Bancroft Day
Post House & Guardian (assisting older citizens)

Recreational

Haunted Student Center
Thanksgiving Greeting Card Project- Aids Families
Post House Christmas Tree Decorating

Source: Andrew Perrone, Office of Service-Learning, Volunteerism & Community Engagement